



## CHLORINE

<b>Agent Overview:</b>	Chlorine (CL), classified as a choking/pulmonary agent, is a gas at room temperature. However, chlorine can be converted into a liquid for shipment and storage. Chlorine gas is irritating and corrosive to the eyes, skin and respiratory tract. Exposure to chlorine may cause burning of the eyes, nose and throat; cough, airway constriction, edema of the airway and lungs; and death.
<b>Lab Specimen Submittal:</b>	Authorization by Dr. Jane Getchell, Director DPHL; Christina Pleasanton, Deputy Director DPHL; or Tara Lydick, Chemical Terrorism Coordinator.
<b>Type of Specimens Necessary for Testing:</b>	<u>Urine:</u> 25mL-50mL screw-cap container <u>Whole blood:</u> <ul style="list-style-type: none"><li>- Three, 5 or 7 mL purple-top (EDTA) tubes (vacuum fill only) AND</li><li>- One, 5 or 7 mL gray-top or green-top (vacuum fill only) AND</li><li>- Two empty urine cups and two empty blood tubes for each lot # submitted.</li></ul>
<b>Packaging Instructions:</b>	<u>Urine:</u> freeze specimen upon collection and ship on dry ice; label specimens and package individually; wrap with absorbent material. <u>Whole blood:</u> place filled tubes in a shipping rack for stability, wrap the tubes in absorbent material, and secure with tape. Place the packaged tubes in a secondary unbreakable container. Specimens may be shipped cold but <i>must not</i> be frozen. <u>All:</u> wrap sample containers and layers with tamper-proof, waterproof forensic evidence tape initialed by collector, being careful not to cover the sample labels. Ship to DPHL as Biological Substance, Category B (Packing Instruction 650).
<b>Receiving Specimens at DPHL:</b>	Authorized specimens are received at the rear (loading dock) entrance of the laboratory. Submitters must present ID and have proper forms completed.
<b>Handling of Specimens:</b>	Chain of custody procedures must be followed. Urine specimens should be frozen upon collection.
<b>Reporting Results:</b>	Reference laboratory will notify DPHL as soon as possible. The Potential Exposure Call Log and Information form will provide information for notification of testing results outside of the DPHL.
<b>Contact Information:</b>	Jane Getchell, DrPH, Director DPHL, 302-223-1520 (24/7 coverage)